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|---|--|-----------------------------------|--------------------------|
| FORM PTO-1449   |  | Atty. Docket No.:<br>R302.12-0062 | Appl. No.:<br>10/607,856 |
|  LIST OF PATENTS AND PUBLICATIONS FOR<br>APPLICANT'S INFORMATION<br>DISCLOSURE STATEMENT |  | First Named Inventor:             |                          |
|   |  | Pavel Shuk et al.                 |                          |
|   |  | Filing Date                       | Group Art:               |
|   |  | June 27, 2003                     | 1753                     |

## U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Date         | Name      | Class             | Sub Class | Filing Date If Appropriate |
|------------------|--------------|--------------|-----------|-------------------|-----------|----------------------------|
| SV               | AA           | 4,186,072    | 01/29/80  | Blumenthal et al. | 204       | 195                        |
| SV               | AB           | 5,695,624    | 12/09/97  | Garzon et al.     | 204       | 425                        |
| SV               | AC           | 5,827,415    | 10/27/98  | Gur et al.        | 204       | 426                        |
| SV               | AD           | 28,792       | 04/27/96  | Ruka et al.       | 204       | 1                          |
| SV               | AE           | 4,618,855    | 10/21/86  | Harding et al.    | 340       | 605                        |
| SV               | AF           | 3,785,948    | 01/15/74  | Hitchman et al.   |           |                            |
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## FOREIGN PATENT DOCUMENTS

|    |    | Document No. | Date     | Country | Class | Sub Class | Translation Yes No |
|----|----|--------------|----------|---------|-------|-----------|--------------------|
| SV | AH | 761,055      | 11/07/56 | UK      |       |           |                    |
| SV | AI | 756,662      | 09/05/56 | UK      |       |           |                    |
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| SV | AM | EP 0 485 085 | 05/13/92 | EPO     |       |           |                    |
| SV | AN | 10090127     | 04/10/98 | Japan   |       |           |                    |

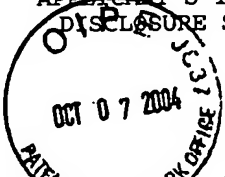
## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| SV | AO | Garzon, Fernando, et al., "Solid-State Mixed Potential Gas Sensors: Theory, Experiments and Challenges," Solid State Ionics, North Holland Publication Company, Amsterdam, NL, vol. 136-137, 2 November 2000, pages 633-638             |
| SV | AP | Mukundan, R., et al., "Ceria-Electrolyte-Based Mixed Potential Sensors for the Detection of Hydrocarbons and Carbon Monoxide," Electrochemical and Solid-State Letters, IEEE Service Center, Piscataway, NJ, August 1999, pages 412-414 |
| SV | AQ | Brosha, Eric, et al., "Mixed Potential Sensors Using Lanthanum Manganate and Terbium Yttrium Zirconium Oxide Electrodes," Sensors and Actuators, Elsevier Sequoia, vol. 87, no. 1, November 15, 2002, pages 47-57                       |
| SV | AR | "Xendos 2700," Servomex, www.analyzer.com/Brochures/Servomex/2700tds.pdf  |

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| AA               |              |      |      |            |              |                               |
| AB               |              |      |      |            |              |                               |
| AC               |              |      |      |            |              |                               |
| AD               |              |      |      |            |              |                               |
| AE               |              |      |      |            |              |                               |
| AF               |              |      |      |            |              |                               |
| AG               |              |      |      |            |              |                               |

## FOREIGN PATENT DOCUMENTS

|    | Document No. | Date | Country | Class | Sub<br>Class | Translation<br>Yes No |
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| AI |              |      |         |       |              |                       |
| AJ |              |      |         |       |              |                       |
| AK |              |      |         |       |              |                       |
| AL |              |      |         |       |              |                       |
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| SV | AO | T. Takahashi (Ed.), High Conductivity Solid Ionic Conductors, World Scientific, Singapore (1989). |
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| SV               | AA           | 3,578,502 | 05/11/71 | H. Tannenberger et al. | 136          | 120                           |
| SV               | AB           | 4,702,971 | 10/27/87 | Isenberg               | 429          | 31                            |
| SV               | AC           | 6,009,742 | 01/04/00 | Balko                  | 73           | 23.31                         |
| <del>AD</del>    |              |           |          |                        |              |                               |
| <del>AE</del>    |              |           |          |                        |              |                               |
| <del>AF</del>    |              |           |          |                        |              |                               |
| <del>AG</del>    |              |           |          |                        |              |                               |

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| <del>AH</del> |              |      |         |       |              |                       |
| <del>AI</del> |              |      |         |       |              |                       |
| <del>AJ</del> |              |      |         |       |              |                       |
| <del>AK</del> |              |      |         |       |              |                       |
| <del>AL</del> |              |      |         |       |              |                       |
| <del>AM</del> |              |      |         |       |              |                       |
| <del>AN</del> |              |      |         |       |              |                       |

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|    | AO | <del>G. Zwingmann and E. M. Wenzel, Reaction of Sulfur and Sulfur Containing Substances with Pt, Pd and Pt/Pd Alloys, Metall. 25 (1971)1121.</del>                      |
| SV | AP | P. Shuk, M. Greenblatt, Hydrothermal Synthesis and Properties of Mixed Conductors Based On $Ce_{1-x}Pr_xO_{2-x/2}$ Solid Solutions. Solid State Ionics. 116 (1999)217.  |
| SV | AQ | P. Shuk, M. Greenblatt, and M. Croft, Hydrothermal Synthesis and Properties of the Mixed Conducting $Ce_{1-x}Tb_xO_{2-x/2}$ Solid Solutions. Chem. Mater. 11 (1999)473. |
|    | AR | <del>B. Rohland and H.-H. Mobius, Abh. Sachs. Akad. Wiss. (Leipzig), Math. Naturwiss. Kl. 49(1968)343</del>   |

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